IN THE CLAIMS

1. (currently amended)   An emulation apparatus, operable within a first information processing apparatus, for enabling the first information processing apparatus to better execute a software program that was originally intended for execution by a second information processing apparatus, <u>the first information processing apparatus having a processing capability that is different than a processing capability of the second information processing apparatus,</u> said emulation apparatus comprising:

determining means for determining, when the software program is being executed by the first information processing apparatus, whether the software program has requested a change of the processing capability of the first information processing apparatus; and

adjusting means for changing, when said determining means determines that the software program has requested the change of the processing capability, a value of a particular processing parameter in the first information processing apparatus to a value more compatible with execution of the software program based on a stored change parameter associated with the software program, the change in the value of the particular processing parameter thereby adjusting the processing capability of the first information processing apparatus to emulate the processing capability of the second information processing apparatus.

2. (previously presented)   The emulation apparatus according to claim 1, wherein said emulation apparatus is operable within an entertainment apparatus that includes a pair of processors operating in a master-slave relationship determined by the software program.

3. (previously presented)   The emulation apparatus according to claim 1, wherein said determining means determines whether the software program has requested a change of the

processing capability of the information processing apparatus by identifying whether a medium that stores the software program was originally intended for a host machine or for a subordinate machine.

4. (previously presented)   The   emulation   apparatus according to claim 1, wherein the software program includes second information processing apparatus binary information intended for execution by the second information processing apparatus, and when said determining means determines that the software program has requested the change of the processing capability, said adjusting means changes the value of the processing parameter by converting the second information processing apparatus binary information into further binary information that is executable by the first information processing apparatus.

5. (previously presented)   The   emulation   apparatus according to claim 1, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

6. (cancelled)

7. (cancelled)

8. (cancelled)

9. (previously presented)   The   emulation   apparatus according to claim 5, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

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10. (cancelled)

11. (cancelled)

12. (cancelled)

13. (previously presented) The emulation apparatus according to claim 1, wherein the particular processing parameter is a speed for processing an operation implemented by the software program, and said adjusting means adjusts the processing speed of the first information processing apparatus to a value more compatible with the software program.

14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (currently amended) An emulation apparatus, operable within a first information processing apparatus, for enabling the first information processing apparatus to better execute a software program that was originally intended for execution by a second information processing apparatus, the first information processing apparatus having a processing capability that is different than a processing capability of the second information processing apparatus, said emulation apparatus comprising:

determining means for determining, when the software program is being executed by the first information processing apparatus, whether the software program has requested a change of the processing capability of the first information processing apparatus; and

adjusting means for, when said determining means determines that the software program has requested the change of the processing capability, changing a particular functional configuration of at least part of the first information processing apparatus to a predetermined functional configuration more compatible with execution of the software program and for changing a value of a particular processing parameter in the at least part of the

first information processing apparatus to a value more compatible with execution of the software program based on a stored change parameter associated with the software program, the change in the functional configuration and in the value of the processing parameter thereby adjusting the processing capability of the at least part of the first information processing apparatus to emulate the processing capability of the second information processing apparatus.

18. (cancelled)

19. (cancelled)

20. (cancelled)

21. (previously presented) The emulation apparatus according to claim 17, wherein said adjusting means reads the change parameter recorded in a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium loaded into the information processing apparatus, and a rewritable recording medium loaded into the information processing apparatus, and said adjusting means changes the processing capability based on the read change parameter.

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (previously presented) The emulation apparatus according to claim 21, wherein said adjusting means selects the device from which the change parameter is read according to the following order of priority: (i) the rewritable recording medium, (ii) the non-rewritable recording medium, and (iii) the internal recording medium.

26. (cancelled)

27. (cancelled)

28. (cancelled)

29. (previously presented) The emulation apparatus according to claim 17, wherein, when said determining means determines that the software program has requested the change of the processing capability, said adjusting means adjusts the functional configuration of said first information processing apparatus from its normal operating mode to an emulation mode more compatible with execution of the software program.

30. (cancelled)

31. (cancelled)

32. (cancelled)

33. (currently amended) An emulation part, operable within a first information processing apparatus, for enabling the first information processing apparatus to better execute a software program that was originally intended for execution by a second information processing apparatus, the first information processing apparatus having a processing capability that is different than a processing capability of the second information processing apparatus, said emulation part comprising:

means for reading, when the software program is being executed by the first information processing apparatus and has requested a change of the processing capability of the first information processing apparatus, contents of the request;

means for reading a stored change parameter from a device selected from the group consisting of: an internal recording medium, a non-rewritable recording medium, and a rewritable recording medium, the stored change parameter being associated with the software program; and

means for changing a value of a particular processing parameter in the first information processing apparatus to a value more compatible with execution of the software program based on the read change parameter, the change in the value of the processing parameter thereby adjusting the

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processing capability of the first information processing apparatus to emulate the processing capability of the second information processing apparatus.

34. (currently amended) A method of enabling a first information processing apparatus to better execute a software program that was originally intended for execution by a second information processing apparatus, <u>the first information processing apparatus having a processing capability that is different than a processing capability of the second information processing apparatus,</u> said method comprising:

determining, when the software program is being executed by the first information processing apparatus, whether the software program has requested a change of the processing capability of the first information processing apparatus; and

when it is determined that the software program has requested the change of the processing capability, changing a value of a particular processing parameter in the first information processing apparatus to a value more compatible with execution of the software program based on a stored change parameter associated with the software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus to emulate the processing capability of the second information processing apparatus.

35. (currently amended) A medium readable by a first information processing apparatus and having recorded thereon a software program having instructions for carrying out a method of enabling the first information processing apparatus to better execute a further software program that was originally intended for execution by a second information processing apparatus, <u>the first information processing apparatus having a processing</u>

capability that is different than a processing capability of the second information processing apparatus, said method comprising:

determining, when the further software program is being executed by the first information processing apparatus, whether the further software program has requested a change of the processing capability of the first information processing apparatus; and

when it is determined that the further software program has requested the change of the processing capability, changing a value of a particular processing parameter in the first information processing apparatus to a value more compatible with execution of the further software program based on a stored change parameter associated with the further software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus to emulate the processing capability of the second information processing apparatus.

36. (currently amended) A medium readable by an information processing apparatus, the information processing apparatus including a host machine and an emulation part, the emulation part being operable to enable the information processing apparatus to better execute a software program originally intended for execution by ~~the~~ a subordinate machine, the information processing apparatus having a processing capability that is different than a processing capability of the subordinate machine, the software program being recorded on and being readable from the recording medium, said recording medium comprising:

a first area which is readable by the information processing apparatus before execution of the software program and in which is recorded a type code indicating

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whether the software program is intended to be run on the host machine or on the subordinate machine; and

a second area which is readable by the information processing apparatus during execution of the software program when the type code indicates that the software program was originally intended to be run on the subordinate machine and in which is recorded a change parameter, the change parameter defining a change in the value of a particular processing parameter in the host machine to a value more compatible with execution of the software program, the change in the value of the processing parameter thereby adjusting the processing capability of the host machine to emulate the processing capability of the subordinate machine.

37. (currently amended) In a first information processing apparatus, a processor that executes a software program for carrying out a method of enabling the first information processing apparatus to better execute a further software program that was originally intended for execution by a second information processing apparatus, the first information processing apparatus having a processing capability that is different than a processing capability of the second information processing apparatus, said method comprising:

determining, when the further software program is being executed by the first information processing apparatus, whether the further software program has requested a change of the processing capability of the first information processing apparatus; and

when it is determined that the further software program has requested the change of the processing capability, changing a value of a particular processing parameter in the first information processing apparatus to a value more compatible with execution of the software

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program based on a stored change parameter associated with the further software program, the change in the value of the processing parameter thereby adjusting the processing capability of the first information processing apparatus to emulate the processing capability of the second information processing apparatus.